

#3



PCT09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/830,838

DATE: 02/25/2002

TIME: 10:10:31

Input Set : A:\1803-0296-999.txt

Output Set: N:\CRF3\02252002\I830838.raw

ENTERED

5 <110> APPLICANT: HABERHAUSEN, GERD
7 KASPER, PIA
9 KESSLER, CHRISTOPH
13 <120> TITLE OF INVENTION: New primers and probes for the detection of HIV
17 <130> FILE REFERENCE: 4933
21 <140> CURRENT APPLICATION NUMBER: 09/830,838
23 <141> CURRENT FILING DATE: 2001-04-30
27 <160> NUMBER OF SEQ ID NOS: 26
31 <170> SOFTWARE: PatentIn version 3.1
35 <210> SEQ ID NO: 1
37 <211> LENGTH: 62
39 <212> TYPE: DNA
41 <213> ORGANISM: Human immunodeficiency virus
45 <400> SEQUENCE: 1
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48 gc 62
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55 <212> TYPE: DNA
57 <213> ORGANISM: Human immunodeficiency virus
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64 ga 62
67 <210> SEQ ID NO: 3
69 <211> LENGTH: 62
71 <212> TYPE: DNA
73 <213> ORGANISM: Human immunodeficiency virus
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79 gt 62
82 <210> SEQ ID NO: 4
84 <211> LENGTH: 54
86 <212> TYPE: DNA
88 <213> ORGANISM: Human immunodeficiency virus
92 <400> SEQUENCE: 4
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96 <210> SEQ ID NO: 5
98 <211> LENGTH: 59
100 <212> TYPE: DNA
102 <213> ORGANISM: Human immunodeficiency virus
106 <400> SEQUENCE: 5
107 tggaaaccaa aaatgatagg gggaattgga ggttttatca aagtaagaca gtatgatca 59
110 <210> SEQ ID NO: 6

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112 <211> LENGTH: 65
114 <212> TYPE: DNA
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123 acaga                                                                    65
126 <210> SEQ ID NO: 7
128 <211> LENGTH: 53
130 <212> TYPE: DNA
132 <213> ORGANISM: Human immunodeficiency virus
136 <400> SEQUENCE: 7
137 caatacatgg atgatttgta tgtaggatct gacttagaaa tagggcagca tag          53
140 <210> SEQ ID NO: 8
142 <211> LENGTH: 76
144 <212> TYPE: DNA
146 <213> ORGANISM: Human immunodeficiency virus
150 <400> SEQUENCE: 8
151 aaggaaaagg tctatctggc atgggtacca gcacacaagg aattggagga aatgaacaag      60
153 tagataaatt agtcag                                                                    76
156 <210> SEQ ID NO: 9
158 <211> LENGTH: 67
160 <212> TYPE: DNA
162 <213> ORGANISM: Human immunodeficiency virus
166 <400> SEQUENCE: 9
167 aaatagtagc cagctgtgat aaatgtcagc taaaaggaga agccatgcat ggacaagtag      60
169 actgtag                                                                    67
172 <210> SEQ ID NO: 10
174 <211> LENGTH: 59
176 <212> TYPE: DNA
178 <213> ORGANISM: Human immunodeficiency virus
182 <400> SEQUENCE: 10
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186 <210> SEQ ID NO: 11
188 <211> LENGTH: 101
190 <212> TYPE: DNA
192 <213> ORGANISM: Human immunodeficiency virus
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197 aaaattcaaa attttcgggt ttattacagg gacagcagaa atccactttg gaaaggacca      60
199 gcaaagctcc tctggaaagg tgaaggggca gtagtaatac a                          101
202 <210> SEQ ID NO: 12
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208 <213> ORGANISM: Human immunodeficiency virus
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215 ta                                                                    62
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220 <211> LENGTH: 97
222 <212> TYPE: DNA

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224 <213> ORGANISM: Human immunodeficiency virus
228 <400> SEQUENCE: 13
229 tggcaactag attgtacaca tttagaagga aaagttatcc tggtagcagt tcatgtagcc      60
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236 <211> LENGTH: 20
238 <212> TYPE: DNA
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245 tacctggcat gggtagcaggc                                                  20
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250 <211> LENGTH: 26
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254 <213> ORGANISM: Human immunodeficiency virus
258 <400> SEQUENCE: 15
259 gactaattta tctacttggt catttc                                          26
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264 <211> LENGTH: 18
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268 <213> ORGANISM: Human immunodeficiency virus
272 <400> SEQUENCE: 16
273 cacacaaagg aattggag                                                  18
276 <210> SEQ ID NO: 17
278 <211> LENGTH: 20
280 <212> TYPE: DNA
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294 <212> TYPE: DNA
296 <213> ORGANISM: Human immunodeficiency virus
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304 <210> SEQ ID NO: 19
306 <211> LENGTH: 15
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310 <213> ORGANISM: Human immunodeficiency virus
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332 <210> SEQ ID NO: 21
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336 <212> TYPE: DNA

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338 <213> ORGANISM: Human immunodeficiency virus
342 <400> SEQUENCE: 21
343 agctttgctg gtcctttcca                                20
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356 <400> SEQUENCE: 22
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360 <210> SEQ ID NO: 23
362 <211> LENGTH: 26
364 <212> TYPE: DNA
366 <213> ORGANISM: Human immunodeficiency virus
370 <400> SEQUENCE: 23
371 gcaactagat tgtacacatt tagaag                        26
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376 <211> LENGTH: 25
378 <212> TYPE: DNA
380 <213> ORGANISM: Human immunodeficiency virus
384 <400> SEQUENCE: 24
385 cttctatata tccactggct acatg                        25
388 <210> SEQ ID NO: 25
390 <211> LENGTH: 23
392 <212> TYPE: DNA
394 <213> ORGANISM: Human immunodeficiency virus
398 <400> SEQUENCE: 25
399 gaaaagttat cctggtagca gtt                          23
403 <210> SEQ ID NO: 26
405 <211> LENGTH: 26
407 <212> TYPE: DNA
409 <213> ORGANISM: Human immunodeficiency virus
413 <400> SEQUENCE: 26
414 ctactactccttgactttggggattg                        26

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